



SYNTHESIS
REFORM AND
DEVELOPMENT IN
TEACHER EDUCATION
FOR DIGITAL
ECONOMY

Dr Ethel Agnes P Valenzuela
Seameo Secretariat

Opening Session



- * Dr Caroline Benton welcomed participants and shared briefly the History of the Univ of Tsukuba's education and leadership in reform.

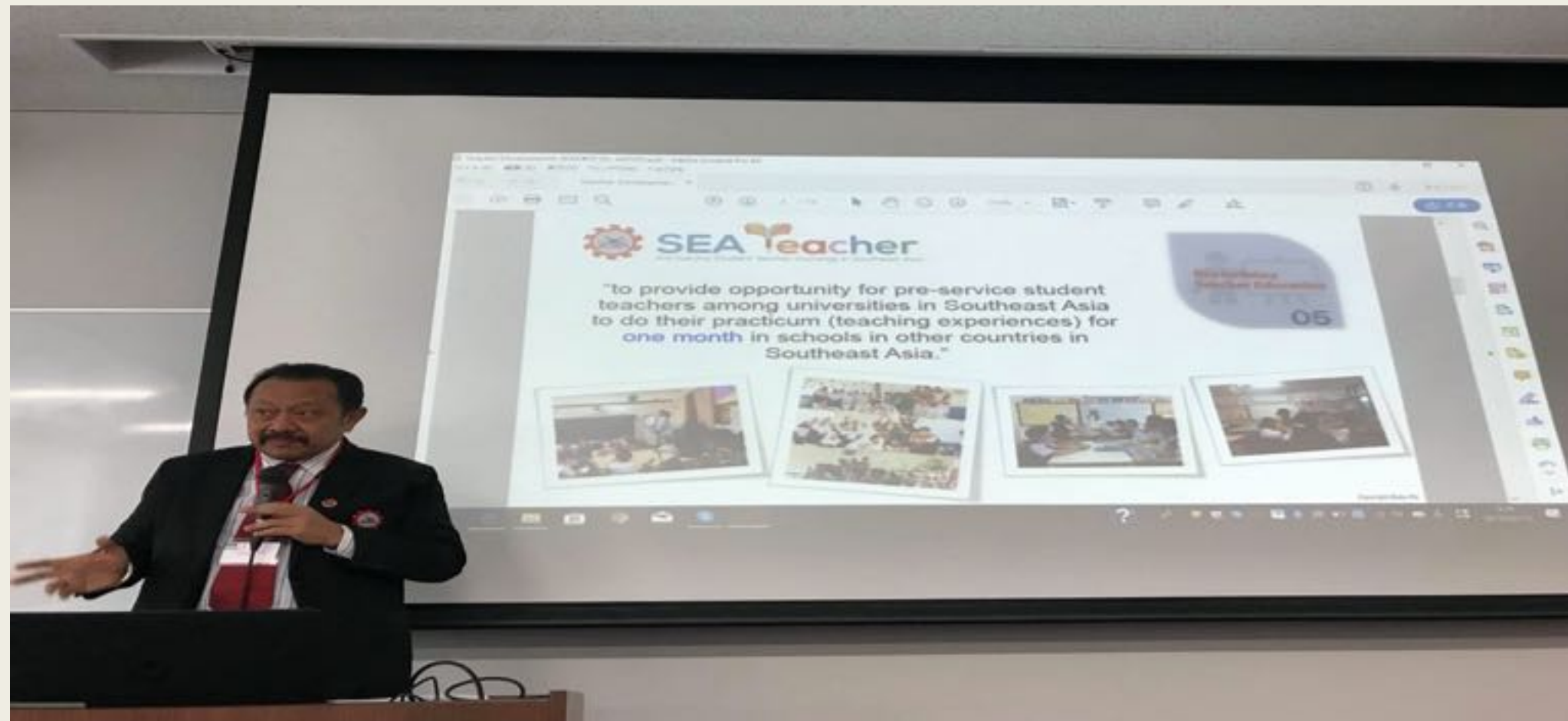


Mr Shiro Terashima Director of MEXT – shared a number of Seameo - MEXT collaborative programmes. He relayed the importance of close ties in developing human resources. He introduced the Society 5.0 in japan and how the schools would have trained the students to have the skills to solve problems needed for a sustainable future.

Dr Gatot Hari Priowirjanto
SEAMES Director

- SEAMEO Seven Priority Areas
 - SEA TEACHER
 - SEA TVET
 - SEA Creative Camp

Opening Keynote



keynote Speech

Dr Amin Bin Senin Director General MOE Malaysia

- ✓ Shared how Malaysia geared education reform to meet digital economic demands towards Sdg 4.



- ✓ Updates on implementation of HOTS in StemEd curriculum and innovation in classroom assessment.
- ✓ Dr Amin emphasized the use of small data to change and influence classroom.
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- ✓ Malaysia's Pathways for Transforming of Teaching Profession under teacher and principal charter initiatives.

Keynote Speech



Dr Hiroshi Sato shared the Transformation of modern society and creative teacher training. He talked about the Training needs of Teachers in Society 5.0 and how teachers can be prepared for the Japanese Society 5.0



4 Panel Sessions

Highlights of Session 1

- * Dr Alpha presented SEAMOLEC programmes to train teachers and reach the unreachable. SEAMOLEC SIERRA is a pioneering innovation that will help address barriers to inclusion.
- * Dr Isoda and Dr Tomori presented the Staff Qualifications and Okinawa Prefectural Comprehensive Education Center
- * Dr Tim Lam presented 21st century skills and Active Learning strategy to increase learning in Maths. Story telling is also a good way to foster increased learning.
- * Dr Chi Tanh presented contexts of change in the 21st century and the development of future students
- * Dr HEE Chan Lew shared about the KNUE Model for Interdisciplinary approach and how teachers can worked in Industry 4.0 to carry out convergence education

Panel Session 2: Teacher Education and Reform



- * SEAMEO RIHED Director shared Insights on 21st Century skills and utilizing technology in teaching and learning. Dr Chantvait also shared RIHED's 4 Key Areas. She emphasized the need for academic mobility, cooperation and partnership within Southeast Asia and beyond.
- * RETRAC Director Phuong presented Vietnam's Teacher Education and Reforms to respond to the 21st century challenges. Teacher training, teaching load and lack of digital skills is still a challenge.
- * TCT Sec General Dr Wattanaporn from the shared the teacher education reform thru TPS, curriculum, licensing and TPD. Thailand also established the Agenda for Thaind 4.0 and the TPDI.
- * Dr Yoko and Dr Yusuke ENDO presented the Competencies and capability development of Science Teacher in Japan's teacher training. He elaborated on the image of teachers who continue learning as well as the Institutional Framework for Science teacher training. Issues of teacher training in Japan was presented.
- * Dr Maitree Inprasitha of Khon Kaen university talked about how KKU has responded and led teacher education reforms in Thailand. KKU institutionalized international cooperation

Panel Session 3: Harnessing HRD in the Digital Economy through relevant Science and Culture Interventions

- ✓ SEAMEO Biotrop
- ✓ SEAMEO QITEP in Mathematics
- ✓ SEAMEO RECSAM
- ✓ SEAMEO SPAFA



Panel Session 4



- Academic mobility and Overseas Programmes: Stories from Partner Institutions



stories
teachers21st
convergence
classroom
science areas cooperation
sustainable tcf culture
priority transformation
data load mobility
Education
training century charter
leadership small revolution
initiatives
framework reform industrial
steam future Stem
people industry teaching
transforming
teachers